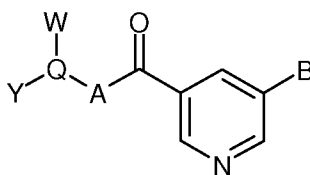


CLAIM AMENDMENTS

1. (currently amended): A compound of ~~the general formula I~~



I

or pharmaceutically acceptable prodrugs, salts, hydrates, solvates, crystal forms or diastereomers thereof, wherein:

A is selected from O, S, ~~NR¹, where R¹ is selected from H,~~
or C₁₋₄ alkyl;

B is aryl, or hetaryl optionally substituted with 0-3 substituents independently ~~chosen~~
selected from

halogen, C₁₋₄ alkyl, CF₃, CN, aryl, hetaryl, OH, OCF₃, OC₁₋₄ alkyl, ~~OC₂₋₅ alkylNR²R³~~
OC₂₋₅ alkylNR²R³, Oaryl, Ohetaryl, CO₂R², CONR²R³, NR²R³, C₁₋₄ alkylNR²R³,
~~NR⁴C₁₋₄ alkylNR²R³, NR²COR³, OC(O)NR²R³, NR⁴CONR²R³, NR²SO₂R³; and R², R³~~
CO₂R², CONR²R³, NR²R³, C₁₋₄ alkylNR²R³, NR⁴C₁₋₄ alkylNR²R³, NR²COR³, OC(O)NR²R³,
NR⁴CONR²R³, and NR²SO₂R³;

wherein R², R³ are each independently H, C₁₋₄ alkyl, C₁₋₄ alkyl heterocyclyl, aryl, hetaryl,
C₁₋₄ alkyl aryl, C₁₋₄ alkyl hetaryl, or may be joined to form an optionally substituted 3-8 membered
ring optionally containing ~~an atom selected from one of O, S, NR⁵; and R⁴ or NR⁵;~~

wherein R⁴ is selected from H, H or C₁₋₄ alkyl; and [[R⁵]]

wherein R⁵ is selected from H, H or C₁₋₄ alkyl;

Q is a bond when W is absent, and is [[or]] C₁₋₄ alkyl when W is present;

W is selected from H, C₁₋₄ alkyl, C₂₋₆ alkenyl; where C₁₋₄ alkyl or C₂₋₆ alkenyl may be
optionally substituted with C₁₋₄ alkyl, OH, OC₁₋₄ alkyl, ~~NR₆C(O)R⁷, CONR⁶R⁷, OR⁶, NR⁶R⁷; and~~
R⁶, and R⁷ NR⁶C(O)R⁷, CONR⁶R⁷, OR⁶, or NR⁶R⁷;

wherein R^6 , and R^7 are each independently H, C_{1-4} alkyl, C_{1-4} alkyl cycloalkyl, C_{1-4} alkyl heterocyclyl, aryl, hetaryl, or may be joined to form an optionally substituted 3-8 membered ring optionally containing ~~an atom selected from one of~~ O, S, ~~NR⁸ and R⁸~~ or NR^8 and

wherein R^8 is ~~selected from~~ H, or C_{1-4} alkyl;

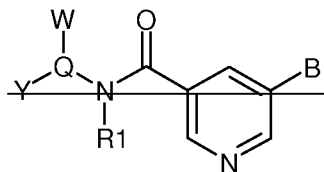
Y is H, aryl or hetaryl optionally substituted with 0-3 substituents independently ~~chosen~~ selected from

halogen, C_{1-4} alkyl, CF_3 , aryl, hetaryl, OH, OCF_3 , CN, C_{2-4} alkynyl, OC_{1-4} alkyl, ~~OC_{2-5} alkylNR⁹R¹⁰~~, OC_{2-5} alkylNR⁹R¹⁰, Oaryl, Ohetaryl, ~~CO_2R^9 , CONR⁹R¹⁰, NR⁹R¹⁰, C_{1-4} alkylNR⁹R¹⁰, NR¹¹ C_{1-4} alkylNR⁹R¹⁰, NR⁹COR¹⁰, NR¹¹CONR⁹R¹⁰, NR⁹SO₂R¹⁰; and R⁹, R¹⁰ are~~ CO_2R^9 , CONR⁹R¹⁰, NR⁹R¹⁰, C_{1-4} alkylNR⁹R¹⁰, NR¹¹ C_{1-4} alkylNR⁹R¹⁰, NR⁹COR¹⁰, NR¹¹CONR⁹R¹⁰, and NR⁹SO₂R¹⁰;

wherein R^9 and R^{10} is each independently H, C_{1-4} alkyl, C_{1-4} alkyl heterocyclyl, aryl, hetaryl, C_{1-4} alkyl aryl, C_{1-4} alkyl hetaryl, or may be joined to form an optionally substituted 3-8 membered ring optionally containing ~~an atom selected from one~~ O, S, ~~NR¹²; and R¹¹~~ or NR^{12} ;

wherein R^{11} is ~~selected from H,~~ H or C_{1-4} alkyl; and ~~R¹² is selected from H,~~ R^{12} is H or C_{1-4} alkyl.

2. (currently amended): A compound according to claim 1 ~~of the general formula II:~~



H

-or pharmaceutically acceptable prodrugs, salts, hydrates, solvates, crystal forms or diastereomers thereof, wherein:

~~R¹ is selected from H,~~ A is NR^1 and R^1 is H or C_{1-4} alkyl;

~~B is aryl, hetaryl optionally substituted with 0-3 substituents independently chosen from~~ halogen, C_{1-4} alkyl, CF_3 , aryl, hetaryl, OH, OCF_3 , OC_{1-4} alkyl, ~~OC_{2-5} alkylNR²R³~~, Oaryl, Ohetaryl, ~~CO_2R^2 , CONR²R³, NR²R³, C_{1-4} alkylNR²R³, NR⁴ C_{1-4} alkylNR²R³, NR²COR³, NR⁴CONR²R³, NR²SO₂R³; and R², R³ are each independently H, C_{1-4} alkyl, C_{1-4} alkyl heterocyclyl, aryl, hetaryl,~~

~~C₁₋₄alkyl aryl, C₁₋₄alkyl hetaryl, or may be joined to form an optionally substituted 3-8 membered ring optionally containing an atom selected from O, S, NR⁵; and R₄ is selected from H, C₁₋₄alkyl; and R₅ is selected from H, C₁₋₄alkyl;~~

~~Q is a bond, or C₁₋₄alkyl;~~

W is selected from H, C₁₋₄ alkyl, and C₂₋₆ alkenyl;

where C₁₋₄ alkyl or C₂₋₆ alkenyl may be optionally substituted with C₁₋₄ alkyl, OH, OC₁₋₄ alkyl, ~~NR⁶R⁷; and R₆, and R₇~~ or NR⁶R⁷;

wherein R⁶, and R⁷ are each independently H, C₁₋₄ alkyl, C₁₋₄ alkyl cycloalkyl, C₁₋₄ alkyl heterocyclyl, aryl, hetaryl, or may be joined to form an optionally substituted 3-8 membered ring optionally containing an atom selected from O, S, NR⁸ and R₈ is selected from H, one of O, S or NR⁸

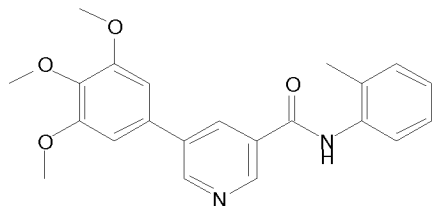
wherein R⁸ is H or C₁₋₄ alkyl;

Y is H, aryl or hetaryl optionally substituted with 0-3 substituents independently ~~chosen~~ selected from halogen, C₁₋₄ alkyl, CF₃, aryl, hetaryl, OH, OCF₃, OC₁₋₄ alkyl, ~~OC₂₋₅alkylNR⁹R¹⁰~~ OC₂₋₅alkylNR⁹R¹⁰, Oaryl, Ohetaryl, ~~CO₂R⁹, CONR⁹R¹⁰, NR⁹R¹⁰, C₁₋₄alkylNR⁹R¹⁰, NR¹¹C₁₋₄alkylNR⁹R¹⁰, NR⁹COR¹⁰, NR¹¹CONR⁹R¹⁰, NR⁹SO₂R¹⁰; and R⁹, R¹⁰~~ CO₂R⁹, CONR⁹R¹⁰, NR⁹R¹⁰, C₁₋₄alkylNR⁹R¹⁰, NR¹¹C₁₋₄alkylNR⁹R¹⁰, NR⁹COR¹⁰, NR¹¹CONR⁹R¹⁰, NR⁹SO₂R¹⁰; and R⁹, R¹⁰ CO₂R⁹, CONR⁹R¹⁰, NR⁹R¹⁰, C₁₋₄alkylNR⁹R¹⁰, NR¹¹C₁₋₄alkylNR⁹R¹⁰, NR⁹COR¹⁰, NR¹¹CONR⁹R¹⁰, and NR⁹SO₂R¹⁰;

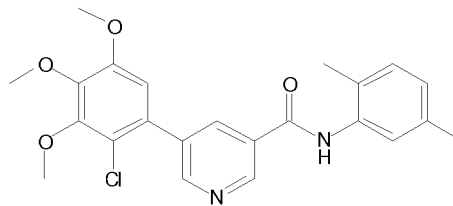
wherein R⁹, and R¹⁰ are each independently H, C₁₋₄ alkyl, C₁₋₄ alkyl heterocyclyl, aryl, hetaryl, C₁₋₄ alkyl aryl, C₁₋₄ alkyl hetaryl, or may be joined to form an optionally substituted 3-8 membered ring optionally containing an atom selected from one of O, S, NR¹²; and R¹¹ is selected from H, or NR¹²; and

wherein R¹¹ is H or C₁₋₄ alkyl; and R¹² is selected from H, R¹² is H or C₁₋₄ alkyl.

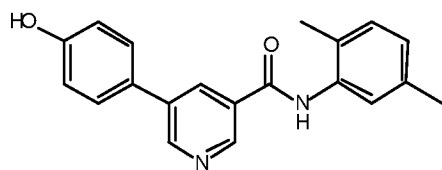
3. (currently amended): A compound according to claim 1 wherein the compound is selected from the group consisting of:



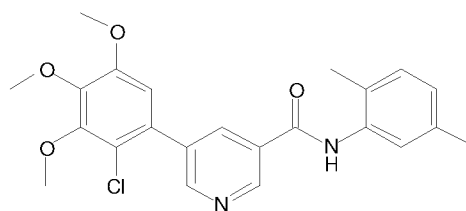
C22H22N2O4



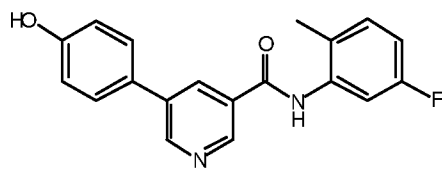
C23H23ClN2O4



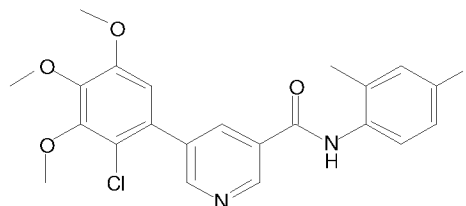
C20H18N2O2



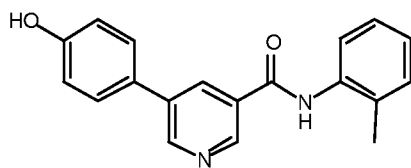
C22H20ClFN2O4



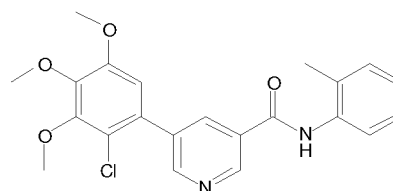
C19H15FN2O2



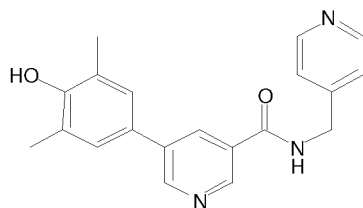
C22H20ClFN2O4



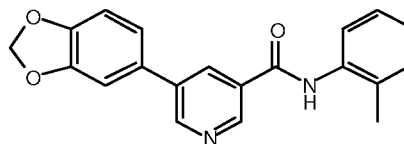
C19H16N2O2



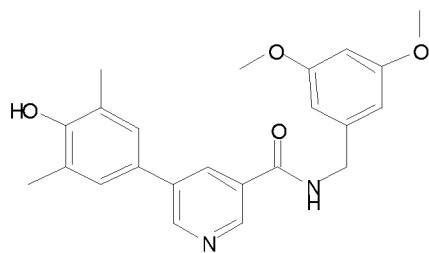
C22H21ClN2O4



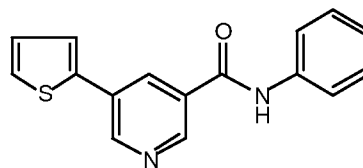
C20H19N3O2



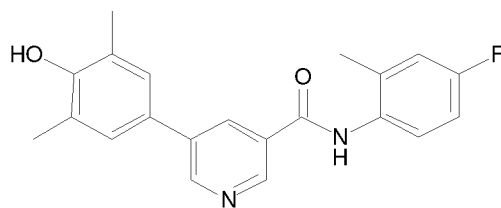
C20H16N2O3



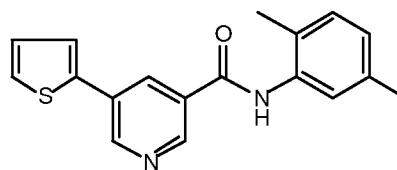
C23H24N2O4



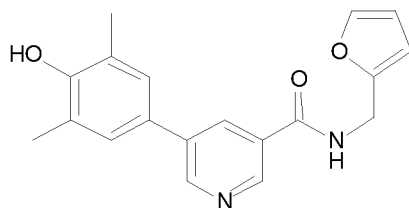
C16H12N2OS



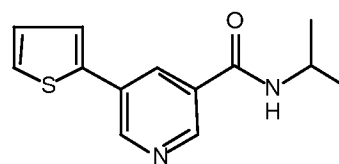
C21H19FN2O2



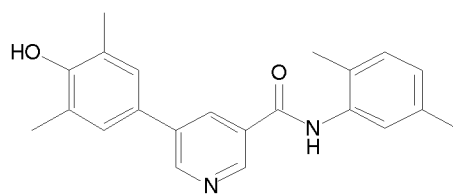
C18H16N2OS



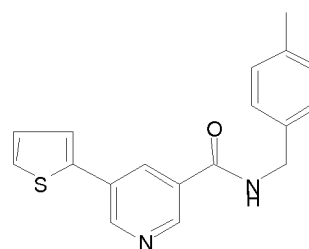
C19H18N2O3



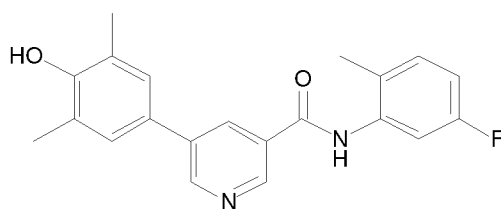
C13H14N2OS



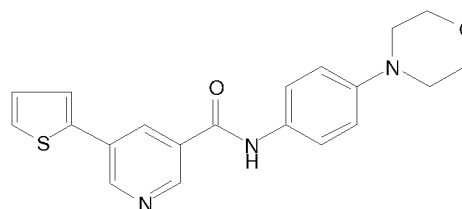
C22H22N2O2



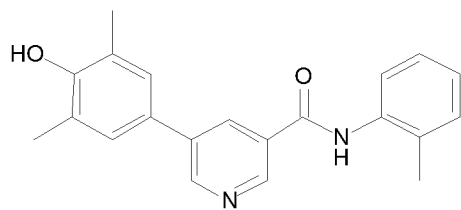
C18H16N2OS



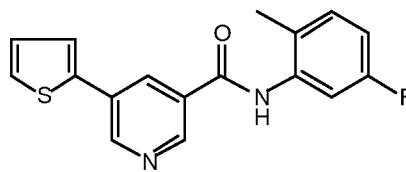
C21H19FN2O2



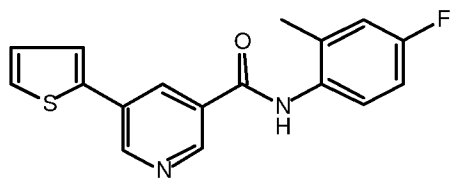
C20H19N3O2S



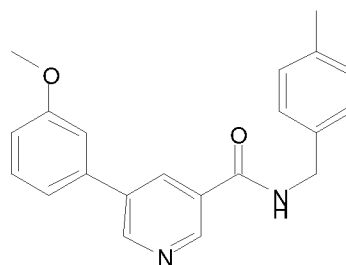
C21H20N2O2



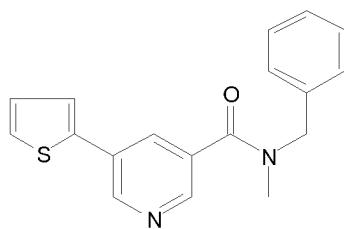
C17H13FN2OS



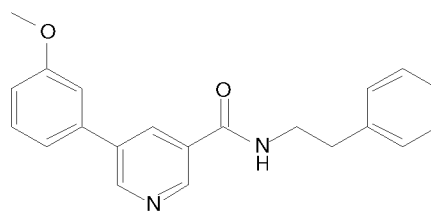
C17H13FN2OS



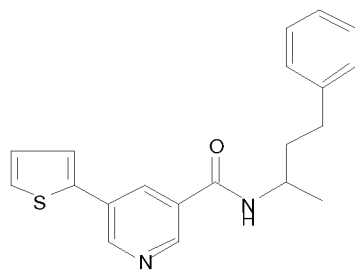
C21H20N2O2



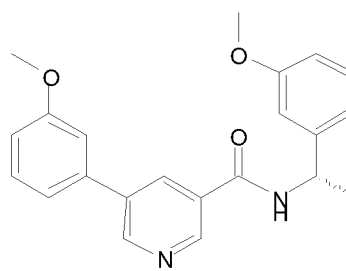
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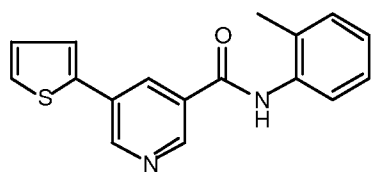
C21H20N2O2



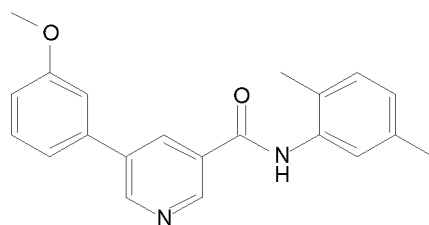
C20H20N2OS



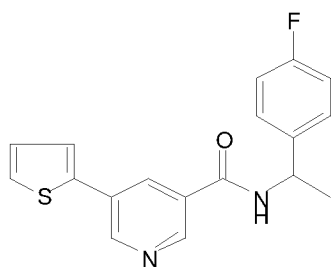
C22H22N2O3



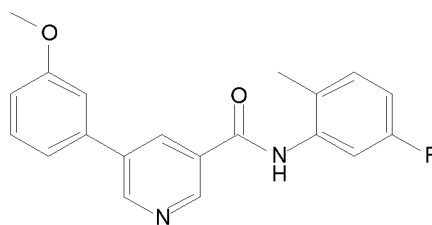
C17H14N2OS



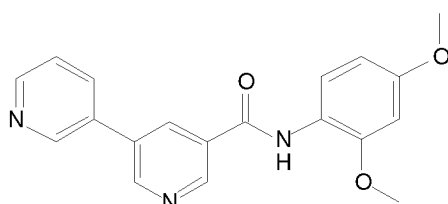
C21H20N2O2



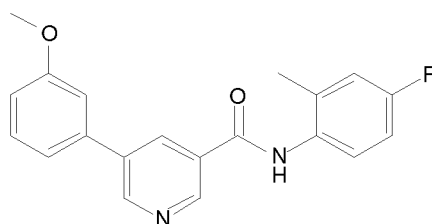
C18H15FN2OS



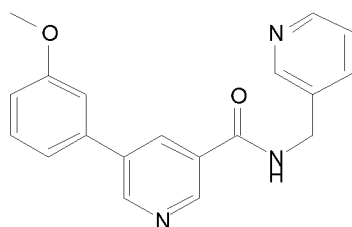
C20H17FN2O2



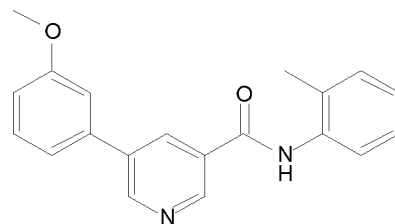
C19H17N3O3



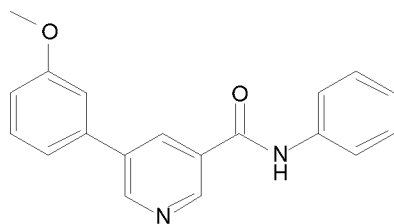
C20H17FN2O2



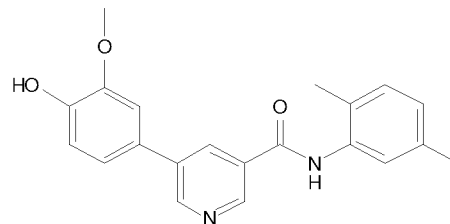
C19H17N3O2



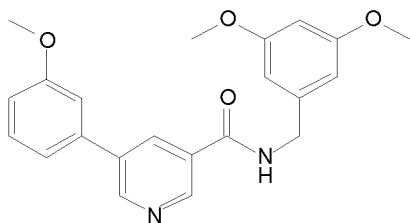
C20H18N2O2



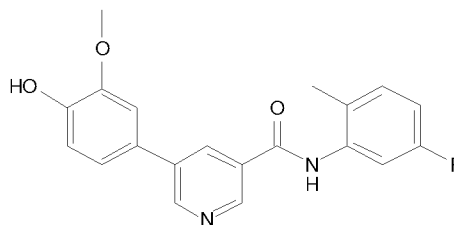
C19H16N2O2



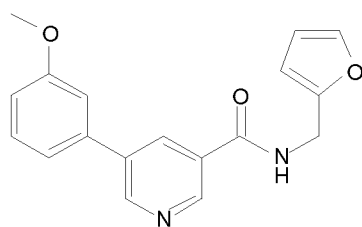
C21H20N2O3



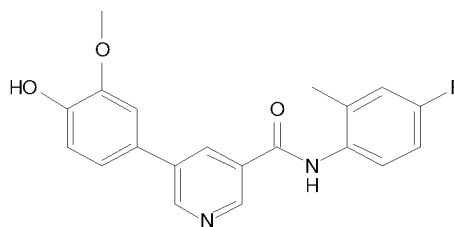
C22H22N2O4



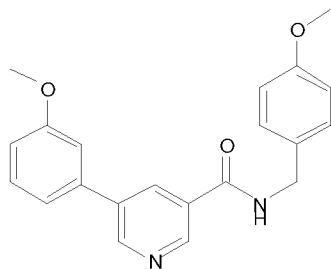
C20H17FN2O3



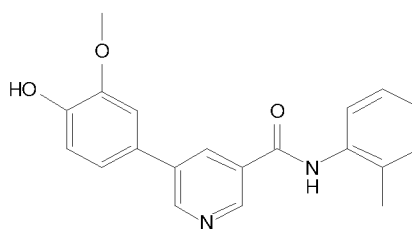
C18H16N2O3



C20H17FN2O3



C21H20N2O3



C20H18N2O3

or pharmaceutically acceptable prodrugs, salts, hydrates, solvates, crystal forms or diastereomers thereof.

4. (original): A composition comprising a carrier and at least one compound of claim 1.
5. (original): A method of treating a tyrosine kinase-associated disease state in a subject, the method comprising administering a therapeutically acceptable amount of at least one compound according to claim 1 or a therapeutically effective amount of a composition thereof.
6. (original): A method according to claim 5 wherein the disease state is selected from the group consisting of Atopy, such as Allergic Asthma, Atopic Dermatitis (Eczema), and Allergic Rhinitis; Cell Mediated Hypersensitivity, such as Allergic Contact Dermatitis and Hypersensitivity

Pneumonitis; Rheumatic Diseases, such as Systemic Lupus Erythematosus (SLE), Rheumatoid Arthritis, Juvenile Arthritis, Sjögren's Syndrome, Scleroderma, Polymyositis, Ankylosing Spondylitis, Psoriatic Arthritis; Other autoimmune diseases such as Type I diabetes, autoimmune thyroid disorders, and Alzheimer's disease; Viral Diseases, such as Epstein Barr Virus (EBV), Hepatitis B, Hepatitis C, HIV, HTLV 1, Varicella-Zoster Virus (VZV), Human Papilloma Virus (HPV); Cancer, such as fibrosarcoma, myxosarcoma, liposarcoma, chondrosarcoma, osteogenic sarcoma, chordoma, angiosarcoma, endotheliosarcoma, lymphangiosarcoma, lymphangioendotheliosarcoma, synovioma, mesothelioma, Ewing's tumor, leiomyosarcoma, rhabdomyosarcoma, colon carcinoma, pancreatic cancer, breast cancer, ovarian cancer, prostate cancer, squamous cell carcinoma, basal cell carcinoma, adenocarcinoma, sweat gland carcinoma, sebaceous gland carcinoma, papillary carcinoma, papillary adenocarcinomas, cystadenocarcinoma, medullary carcinoma, bronchogenic carcinoma, renal cell carcinoma, hepatoma, bile duct carcinoma, choriocarcinoma, seminoma, embryonal carcinoma, Wilms' tumor, cervical cancer, testicular tumor, lung carcinoma, small cell lung carcinoma, bladder carcinoma, epithelial carcinoma, glioma, astrocytoma, medulloblastoma, craniopharyngioma, ependymoma, pinealoma, hemangioblastoma, acoustic neuroma, oligodendroglioma, meningioma, melanoma, neuroblastoma, and retinoblastoma, and carcinomas forming from tissue of the breast, prostate, kidney, bladder or colon, and neoplastic disorders arising in adipose tissue, such as adipose cell tumors, e.g., lipomas, fibrolipomas, lipoblastomas, lipomatosis, hibemomas, hemangiomas and/or liposarcomas.